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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Junbiao Zhang

Filed : Herewith

For : BROKER-BASED INTERWORKING USING
HIERARCHICAL CERTIFICATES

PRELIMINARY AMENDMENT

Commissioner for Patents
MAIL STOP PCT
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In the US national phase application of PCT/US03/16546 filed herewith, please file the following amendments and enter remarks as follows:

Amendments to the Specification begin on page 2 of this paper.

Listing and Amendments to the Claims begin on page 3 of this paper.

Amendments to the Abstract begin on page 7 of this paper.

Remarks begin on page 8 of this paper.